

IFS Enterprise Asset Management (EAM) Trend Report

What are the top 5 trends in EAM?



| IFS Ultimo



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Introduction

The IFS EAM Trend Report provides a broad overview of the current state of different industries, delving deeper into its challenges and opportunities.

Data

Conducted during Q3 and Q4 of 2023, the report gathers data from 430 asset managers across industries like manufacturing, healthcare, energy, transportation, construction, aerospace, etc., including various organizations from SMEs to large businesses. This report is one of the most comprehensive surveys of asset management and maintenance professionals on a global scale.

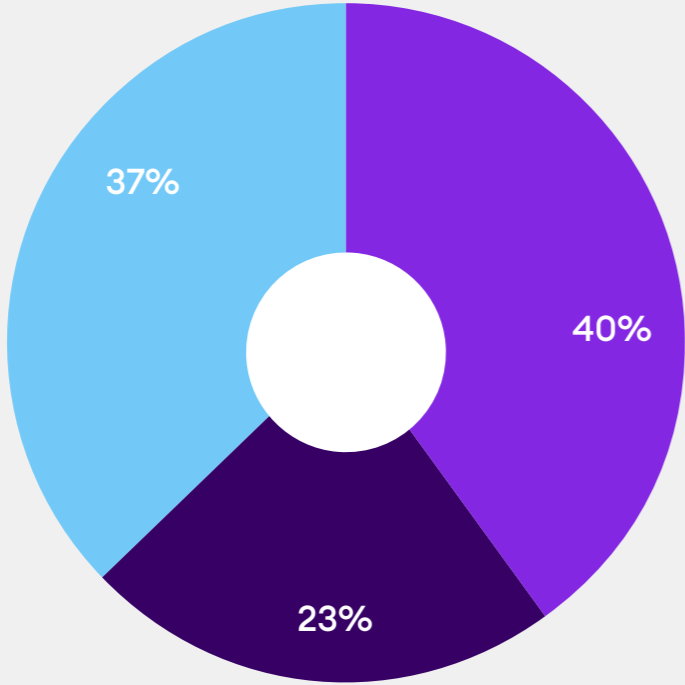
Results

The results highlight the top trends in the industry while presenting the most up-to-date insights designed to inspire maintenance and asset management professionals to use their challenges to fuel positive change and digital transformation.

In this eBook, we outline the results of the top five trends of the report, and how they will impact the industry.

Trend 1: Growth opportunity for EAM solutions

Are you currently using
an EAM/CMMS system?



- Yes, we are using a best-of-breed EAM/CMMS solution
- Yes, we are using an EAM solution part of an integrated software suite
- No

EAM plays a crucial role in helping organizations effectively manage their physical assets throughout their lifecycle.

Additionally, organizations have a competitive advantage when they implement data-based cost control and can quantify effects on productivity in order to make well-informed decisions and thus ensure maximum profitability.

According to the survey results, over 60% of organizations are currently using an EAM/CMMS, either as best-of-breed solutions or part of an integrated software suite. However, a considerable number of asset managers (37%) indicated that they are not currently using any EAM solutions. This result highlights a significant growth trend for EAM solutions in the market, whether as best-of-breed solutions or part of an integrated software suite.

IFS Ultimo EAM

With IFS Ultimo Enterprise Asset Management (EAM) software, you gain a better grip over your assets, realize higher uptime, control costs and create a safe and healthy working environment. IFS Ultimo is well known for its rapid deployment, ease of use, seamless integrations and unparalleled time to value.

Ultimo's software offers rich functionality as standard. It can be applied to planning, monitoring, optimization, execution and tracking of all required maintenance activities.



Trend 2: Progression towards higher stages of maturity

The EAM Maturity Model defines 5 stages of an organization's EAM maturity and illustrates how to reach a higher level of EAM maturity by moving from a reactive maintenance approach to a predictable and cost-efficient asset management structure that encompasses the HSE- and operations-related functionalities.

First three stages

The majority of surveyed asset managers see their organization in the first 3 stages:

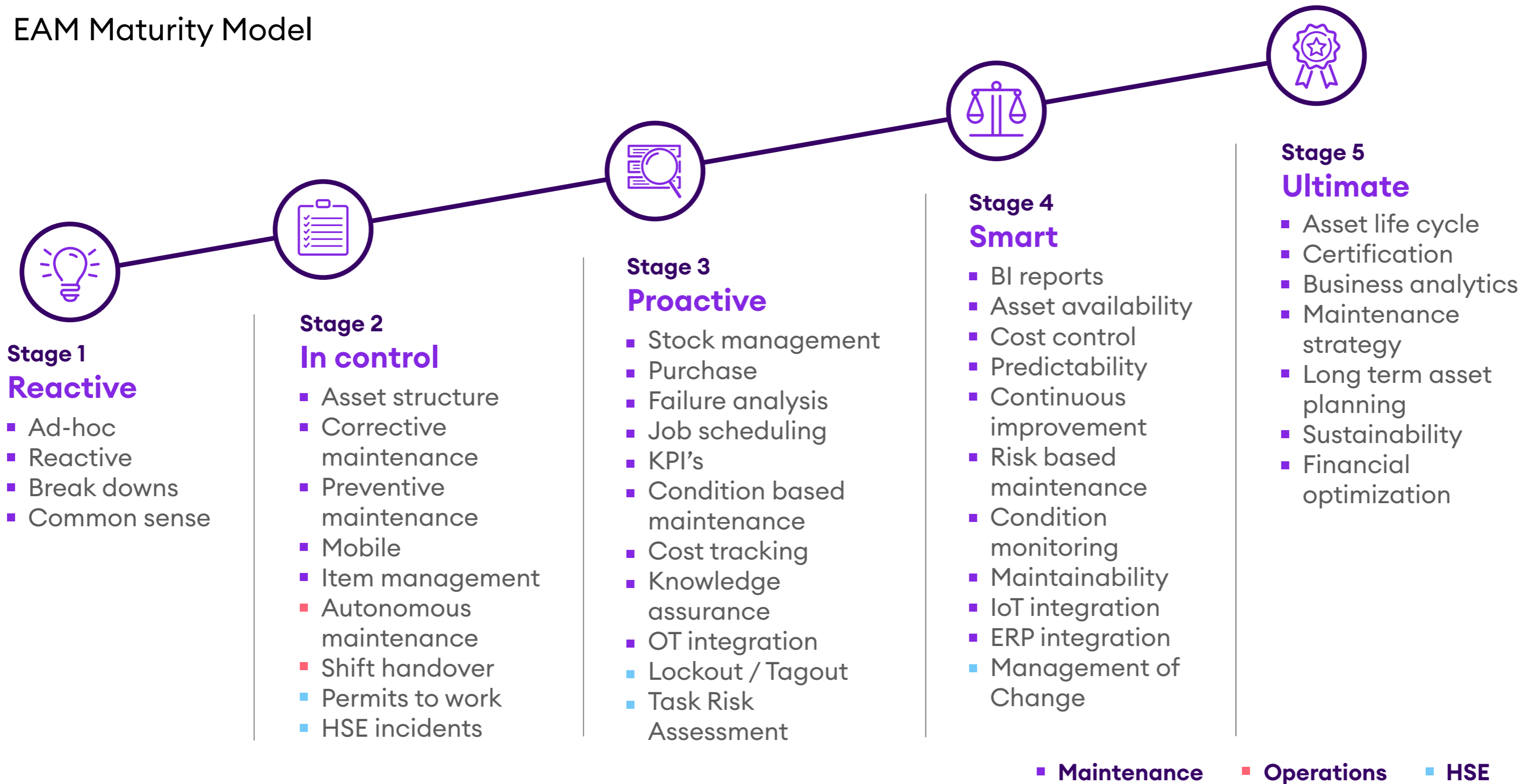
- **Stage 1:** “Reactive” approach, using a corrective asset management structure, but no professional software.
- **Stage 2:** “In control” approach, which involves a combination of corrective and preventive measures along with the use of professional software.
- **Stage 3:** “Proactive” approach, using condition-based maintenance and software for spare parts management and HSE compliance.

Two highest maintenance approaches

Only a combined percentage of 7% of all asset managers think their organization has already reached the two highest maintenance approaches, such as the “Smart” and “Ultimate” approaches.

However, there is a strong trend of organizations progressing toward higher stages, driven by their future objectives to integrate critical functional capabilities, such as Predictive Analytics, Long-Term Asset Planning, and Asset Investment Planning.

EAM Maturity Model



Structure > Safety > More HOTT > Less unplanned costs > More uptime > Reliability > Efficiency > Alignment & integration

Trend 3: Top 3 emerging technologies and obstacles in their adoption

The business landscape is rapidly changing due to emerging technologies such as the Internet of Things (IoT), artificial intelligence (AI), machine learning (ML), digital twins, and predictive modeling.

These technologies have presented opportunities to improve efficiency, make better decisions, and gain competitive advantages. However, some obstacles stand in the way of adapting them.

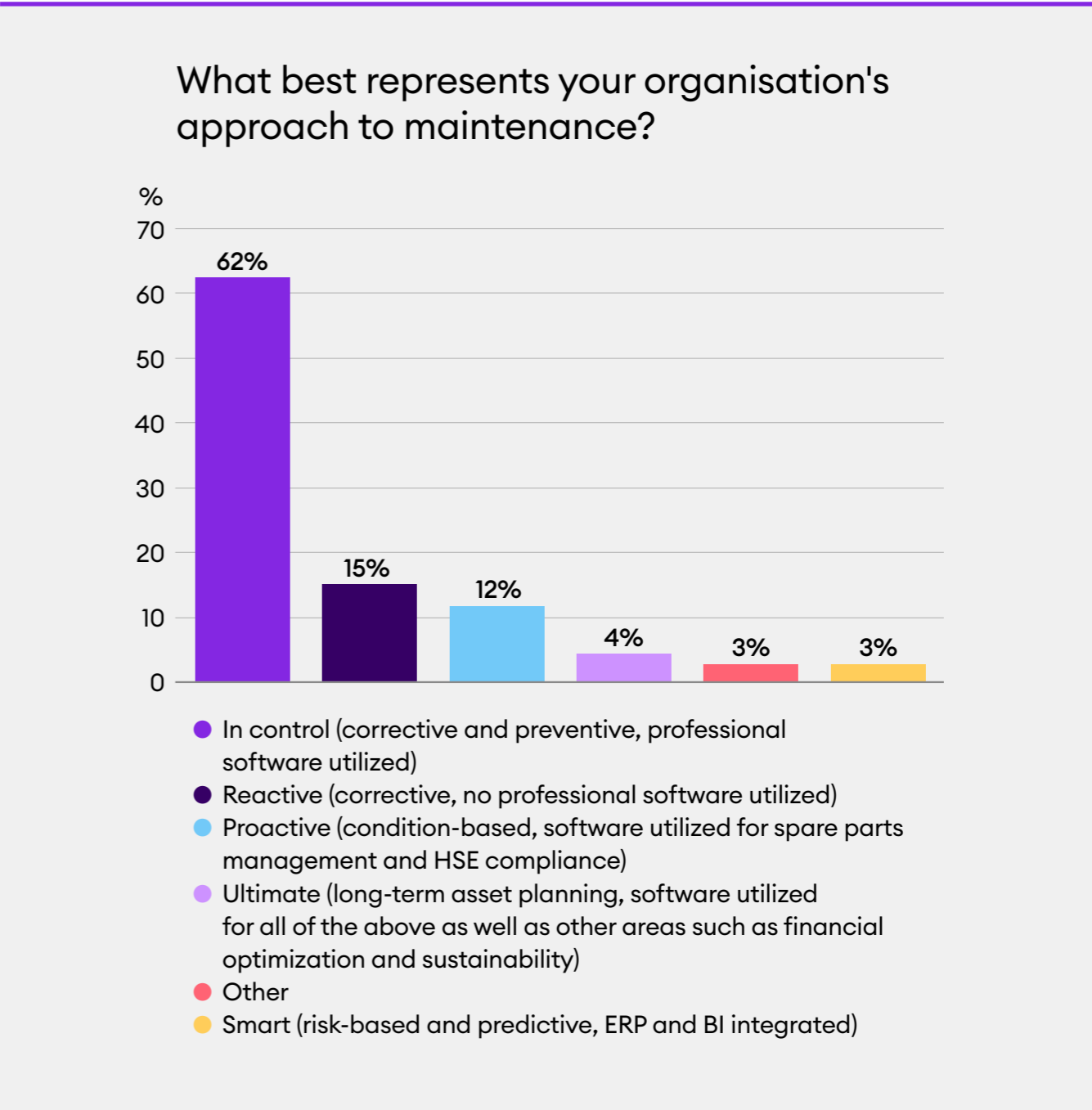
As per the findings of this survey, the top 3 emerging technologies that will positively impact the maintenance and business practices are:

1. **Internet of Things (IoT) sensors**
2. **Predictive modeling**
3. **Artificial Intelligence (AI)**

While the top 3 obstacles to leveraging emerging technologies are:

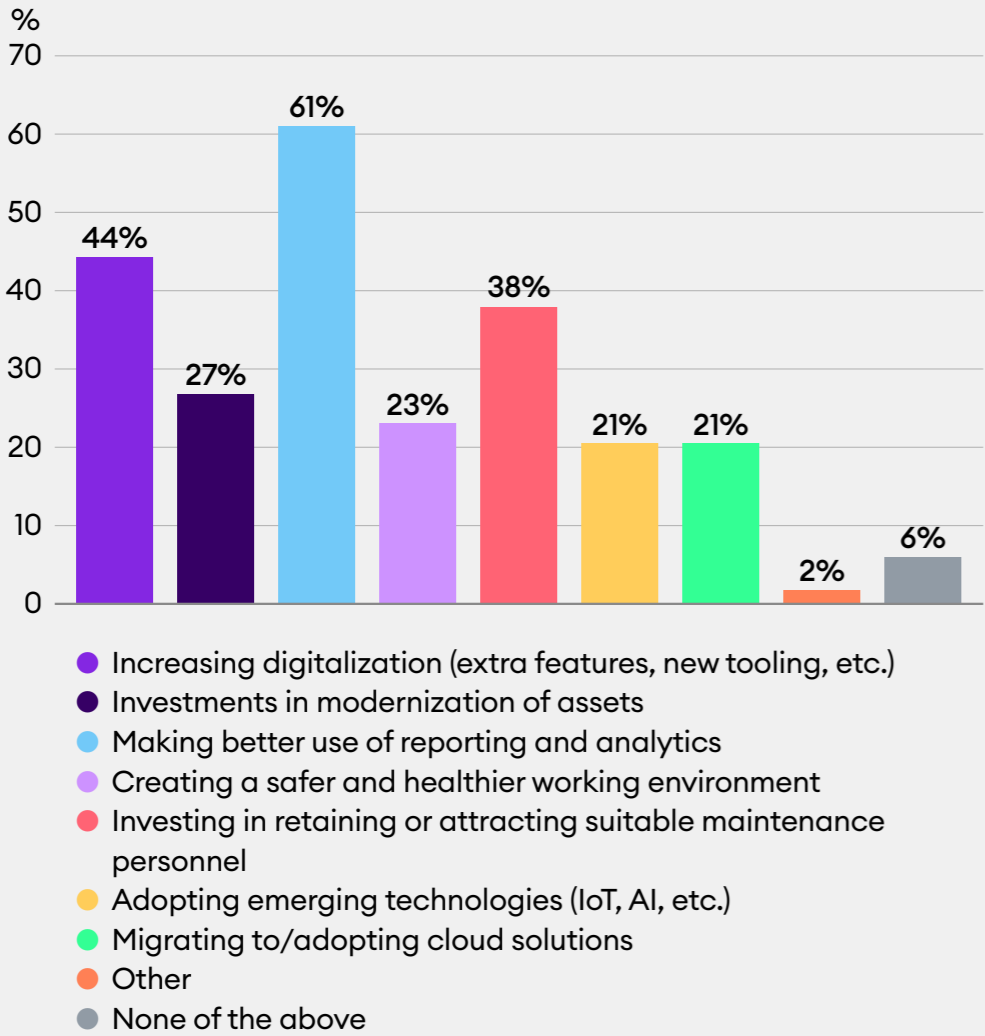
1. **Lack of expertise**
2. **Lack of investment and costs**
3. **Lack of integration into software systems**

“Emerging technologies have the power to collect real-time data and provide valuable insights into the performance, health, or conditions of any asset through analytics tools”.- Terrence O’Hanlon, Publisher of Reliabilityweb.com



Trend 4: Top 3 focus topics for the next 12 months

Which of the following topics in the field of Enterprise Asset Management will be focus topics over the next 12 months?



The EAM market is in a constant state of evolution, transitioning towards comprehensive asset maintenance management. According to surveyed asset managers, three primary areas will be the focus in the EAM field over the next 12 months:

1. **61% prioritized** enhancing reporting and analytics, aiming for a more insightful overview of asset health and performance, leading to improved decision-making processes.
2. **44% selected** increased digitalization, fostering better connectivity within teams and providing access to real-time information through mobile applications.
3. **38% identified** the attraction of suitable maintenance personnel as a future focus, highlighting the significance of well-prepared staff.

“The mobile application has been transformational for certain users in the field of maintenance, who have gone from writing findings on inspection forms and actions on paper to inputting next-step tasks digitally, which can be saved and shared with others.”

Chris van den Belt & Harmjan Derksen,
IFS Ultimo

Trend 5: Top future impacts on organizations

The aging population is having a significant impact on many different areas of society, including the workforce.

According to asset managers in this survey, the aging workforce will be the main future trend affecting their companies the most. This is why it is essential to digitalize organizational knowledge and pass it on to the next generation of employees.

Category	Rank
Aging workforce	1
ESG (Environmental, Social and Governance)	2
Globalization	3
Servitization	4
Importance of IoT and Digital Twins	5

Aging workforce is followed by ESG and Globalization. In contrast, the importance of IoT and digital twins is placed at the bottom of the ranking.

Conclusion

There is a significant growth trend for EAM solutions in the market, whether as best-of-breed solutions or part of an integrated software suite.

Moreover, integrating key functional capabilities such as Predictive Analytics, Long-Term Asset Planning, and Asset Investment Planning in these solutions, will help organizations to progress towards higher stages of maturity.

Emerging technologies like IoT, Predictive modeling and AI and ML will positively impact the maintenance and business practices, once obstacles like lack of expertise and investment are overcome.

Looking toward future trends, making better use of reporting and analytics will be the main topic of focus while the aging workforce will have the highest impact on an organization.

“

With Ultimo, we can make essential information easily available to everyone so they can be even more proactive.



About IFS Ultimo

IFS Ultimo is a SaaS EAM solution from IFS, focused on maintenance & safety and well known for a rapid deployment, ease of use and an unparalleled time to value. Details about IFS Ultimo can be found at [Ultimo.com](https://ultimo.com).

About IFS

IFS develops and delivers cloud enterprise software for companies around the world who manufacture and distribute goods, build and maintain assets, and manage servicefocused operations. Within our single platform, our industry specific products are innately connected to a single data model and use embedded digital innovation so that our customers can be their best when it really matters to their customers—at the Moment of Service™. The industry expertise of our people and of our growing ecosystem, together with a commitment to deliver value at every single step, has made IFS a recognized leader and the most recommended supplier in our sector. Our team of 5,900 employees every day live our values of agility, trustworthiness and collaboration in how we support our 10,000+ customers. Learn more about how our enterprise software solutions can help your business today at ifs.com.

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